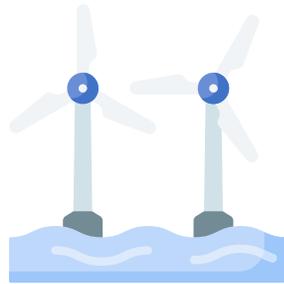




Offshore Wind in Maryland

Why Offshore Wind

Offshore wind holds the potential to revitalize sectors of Maryland’s economy, specifically manufacturing, maritime, and port logistics industries while creating thousands of jobs within the state. Investing in offshore wind energy will reduce greenhouse gas emissions, which will reduce the negative health and environmental impacts that come from the air pollution that results from fossil fuel combustion. Reducing greenhouse gas emissions will also reduce the risk of physical climate hazards, such as extreme weather events. Offshore wind energy will both mitigate climate risks while promoting economic growth for the state and region.



Round 1:

Requires an amount not to exceed 2.5 percent of all in-state electricity sales by 2020

Round 2:

Requires an additional minimum of 1,200 MW of OSW capacity by 2030

Maryland Policy Framework

Maryland Renewable Portfolio Standard (RPS) requires 50 percent of all electricity sales to come from renewable energy sources by 2030. Maryland’s RPS includes an offshore wind carve out through an Offshore Wind Renewable Energy Credit (OREC) Program.

All Maryland offshore wind projects are approved through Rounds of OREC Solicitations by the Maryland Public Service Commission (PSC). To date, Maryland has had 2 rounds of OREC Solicitations and has approved 4 projects, totaling 2,022.5 MW of offshore wind capacity.

Maryland's Approved Offshore Wind Projects

Maryland PSC has awarded four offshore wind projects totaling 2022.5 MW, exceeding the 1,200 MW requirement put forward by Maryland's RPS. These offshore wind projects are estimated to power 600,000 Maryland homes, create over 12,000 Full Time Employment jobs, during development and construction, and create over 3,000 Full Time Employment Jobs during the operation and maintenance of the project's life.

The four projects have a capital investment requirement of \$1.5 billion of in-state expenditures and a supply chain commitment requirement to invest in steel, port infrastructure, and manufacturing in the state.



\$40m

Invest in Port Infrastructure



\$76m

Invest in Steel Fabrication



\$100m

Turbine Tower Manufacturing



\$140m

Subsea Cable Manufacturing



\$150m

Monopile Manufacturing

OREC Solicitation Round	Project Name	Developer	MegaWatts
Round 1:	Skipjack Wind Farm 1	Ørsted A/S	120.00 MW
	MarWin 1	US Wind, Inc	248.00 MW
Round 2:	Skipjack Wind Farm 2	Ørsted A/S	846.00 MW
	Momentum Wind	US Wind, Inc	808.50 MW
Total MWs			2022.5 MW



Benefits of Offshore Wind

Investing in offshore wind provides significant economic opportunities and greenhouse gas emissions reductions for the State. Maryland's four offshore wind projects will result in at least \$1.5 billion of in state expenditures and create upwards of 12,000 FTE jobs, with 3,000 of those sustained over the projects' lifespan. The industry demand requires significant supply chain investment providing Maryland businesses with opportunities to become involved in the projects development, construction, and operations and maintenance.

The greenhouse gas emissions reductions as a result of offshore wind investment reduces air pollution, the negative health and environmental impacts of air pollution, and reduces physical climate risks, such as extreme weather events.

More Information

You can learn more about Maryland's Offshore Wind Developments at:
<http://energy.maryland.gov/Pages/Info/renewable/offshorewind.aspx>



Maryland
Energy
Administration

For more information about Offshore Wind in Maryland visit Energy.Maryland.gov or contact:

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